

[4910-13]

## **DEPARTMENT OF TRANSPORTATION**

### **Federal Aviation Administration**

#### **Aviation Rulemaking Advisory Committee; General Aviation Certification and Operations**

##### **Issues - New Task**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Notice of new task assignment for the Aviation Rulemaking Advisory Committee (ARAC).

**SUMMARY:** The FAA assigned the Aviation Rulemaking Advisory Committee a new task to develop recommendations to update certification requirements for airplanes in the normal, utility, acrobatic, and commuter categories to reflect the use of new technologies and improve the safety of these airplanes. This notice is to inform the public of this ARAC activity.

**FOR FURTHER INFORMATION CONTACT:** Randy Griffith, 901 Locust, Kansas City, Missouri 64106, (816) 329-4134, [randy.griffith@faa.gov](mailto:randy.griffith@faa.gov).

##### **SUPPLEMENTARY INFORMATION:**

###### **Background**

The FAA has established the Aviation Rulemaking Advisory Committee to provide advice and recommendations to the FAA Administrator on the FAA's rulemaking activities with respect to aviation-related issues. This includes obtaining advice and recommendations on the FAA's commitments to harmonize Title 14 of the Code of Federal Regulations (14 CFR) with its partners in Europe and Canada.

###### **The Task**

Review part 23 standards and recommend rulemaking in the form of a Notice of Proposed Rulemaking (NPRM) to address criteria for propulsion technologies being used more

commonly on part 23 airplanes and requirements that would improve the safety of part 23 airplanes. The NPRM should include the preamble and rule language, along with any supporting legal analysis.

Items to be addressed in the ARAC evaluation include:

- Turbofan/jet installations,
- Single lever power controls,
- Electronic engine controls,
- Fuel quantity calibration and low-fuel warning for reciprocating engines,
- New technology reciprocating engines (for example, diesel engines),
- New technology powerplant displays, and
- Various miscellaneous updates to part 23 powerplant requirements.

**Schedule:** ARAC should forward its recommendations to the FAA within 1 year of task assignment.

### **ARAC Acceptance of Tasks**

ARAC accepted the task and assigned the task to the newly formed Propulsion Systems Harmonization Working Group, General Aviation Certification and Operations Issues. The working group will serve as staff to ARAC and assist in the analysis of the assigned task. ARAC must review and approve working group recommendations. If ARAC accepts the working group's recommendations, it forwards them to the FAA as ARAC recommendations. The agency seeks ARAC's advice and recommendations on this important safety issue. Recommendations that are received from ARAC will be submitted to the agency's Rulemaking Management Council to address the availability of resources and prioritization.

### **Working Group Activity**

The Propulsion Systems Harmonization Working Group is expected to comply with the procedures adopted by ARAC. As part of the procedures, the working group is expected to:

1. Recommend a work plan for completion of the task, including the rationale supporting such a plan for consideration at the meeting of the ARAC General Aviation Certification and Operations Issues held following publication of this notice
2. Give a detailed conceptual presentation of the proposed recommendations, prior to proceeding with the work stated in item 3 below.
3. Draft the appropriate documents and required analyses and/or any other related materials or documents.
4. Provide a status report at each meeting of the ARAC held to consider General Aviation Certification and Operations Issues

### **Participation in the Working Group**

The Propulsion Systems Harmonization Working Group will be composed of technical experts having an interest in the assigned task. A working group member need not be a representative or a member of the full committee.

An individual who has expertise in the subject matter and wishes to become a member of the working group should write to the person listed under the caption **FOR FURTHER INFORMATION CONTACT** expressing that desire, describing his or her interest in the task and stating the expertise he or she would bring to the working group. All requests to participate must be received no later than March 30, 2001. The requests will be reviewed by the co-assistant chairs, the co-assistant executive directors, and the working group chair. The individuals will be advised whether or not their request can be accommodated.

Individuals chosen for membership on the working group will be expected to represent their aviation community segment and actively participate in the working group (e.g., attend all meetings, provide written comments when requested to do so, etc.). They also will be expected to devote the resources necessary to support the working group in meeting any assigned

deadlines. Members are expected to keep their management chain and those they may represent advised of working group activities and decisions to ensure that the proposed technical solutions do not conflict with their sponsoring organization's position when the subject being negotiated is presented to ARAC for approval.

Once the working group has begun deliberations, members will not be added or substituted without the approval of the co-assistant chairs, the co-assistant executive directors, and the working group chair.

The Secretary of Transportation has determined that the formation and use of the ARAC is necessary and in the public interest in connection with the performance of duties imposed on the FAA by law.

Meetings of the ARAC will be open to the public. Meetings of the Propulsion Systems Harmonization Working Group will not be open to the public, except to the extent that individuals with an interest and expertise are selected to participate. The FAA will make no public announcement of working group meetings.

Issued in Washington, DC, on March 1, 2001

/S/

Anthony F. Fazio  
Executive Director,  
Aviation Rulemaking Advisory Committee